

Faculty of Biological Sciences
School of Molecular and Cellular Biology

Summer Research Placement
8 weeks, between [June – August 2021]

Job Summary

We are looking to appoint an enthusiastic Undergraduate Summer Research Placement Student to work under the supervision of Dr Martina Foglizzo at the University of Leeds, UK. The position is available for 8 weeks.

You will be working within the Ubiquitin Signalling Team to study cell signalling networks and ubiquitin structural biology, with a particular emphasis on deubiquitylating enzymes (DUBs). While these being the main aims of the laboratory, you will also have the opportunity to investigate the mechanisms underpinning DNA replication, damage and repair. Specifically, you will employ a combination of biochemical, structural and functional analyses to determine how the SPATA5/5L1 complex assembles, and which are the molecular mechanisms underpinning its activity. Throughout the project you will be gaining hands-on experience on a number of biochemical and structural biology techniques, and you will be exposed to methodologies such as cryo-electron microscopy, enzymology, biophysics and high-throughput screening that the laboratory routinely employs for the characterisation of multimeric protein complexes.

Stipend is £200 per week

Informal enquiries may be made to [Dr Martina Foglizzo](#)

To apply, please send your CV and cover letter (200-300 words maximum)

Closing date: 30th January 2021

Interviews: TBC

Job Description

Reports to: [Dr Martina Foglizzo](#)

Main Duties and Responsibilities

- Carrying out research in the areas of protein expression and purification, and structural analyses of protein complexes
- Performing biochemical assays
- Liaising with academics and researchers to perform techniques and protocols as appropriate. These would include (but are not limited to) the following:
 - Protein expression and purification
 - Enzyme assays
 - Structural characterisation of protein complexes